

## Tutorial on ischaemia and infarction

15<sup>th</sup> January 2018

Professor N Ratnatunga

Explain the terms, ischaemia, hypoxia, end artery, collateral circulation

watershed zone, infarct

Describe the sequelae of volvulus of the intestine

What are the examples of venous infarction-

What is a low flow infarct? Give examples of low flow infarcts

A 65 year old man is diagnosed with a myocardial infarct involving the left ventricle. On the 5<sup>th</sup> day he suddenly collapsed while walking to the washroom which he had been advised not to do. At post mortem, a haemopericardium and a ruptured infarct was found. The coronary arteries showed atheroma. Explain the mechanism of the rupture of the myocardium.